

**UNITED STATES MARINE CORPS**  
Tactical Training and Exercise Control Group  
Marine Corps Air Ground Combat Center  
Twentynine Palms, California 92278-8104

**LAR SCREEN COURSE (LARSC)**

Ref: (a)MCWP 3-14, Employment of Light Armored Reconnaissance  
(b)MCWP 3-16.6, Supporting Arms Observer, Spotter,  
Controller  
(c)MCWP 3-16, Techniques and Procedures for Fire Support  
Coordination  
(d)FM 6-20-20, Tactics, Techniques and Procedures for Fire  
Support at Battalion/Task Force and Below

Encl:(1)Operations Order  
(2)Exercise Force Casualty Assessment  
(3)Training Standards

1.**LESSON TITLE.** LAR SCREEN COURSE (LARSC)

2.**TRAINING OBJECTIVE.** Company-level screen of a stationary unit, counter-reconnaissance, and engagement of the enemy second echelon with supporting arms in a combined arms, mechanized environment.

a.**Task.** Screen a stationary unit, destroy enemy reconnaissance elements, and use supporting arms to engage the enemy second echelon, employing organic and attached direct fire weapons, organic mortars, and supporting artillery and close air support.

b.**Condition.** The company consists of its organic LAV-25 platoons, anti-tank section and mortar section. The company will be supported by an artillery battery and both rotary-wing and fixed-wing close air support. The company will operate within established safety regulations found in the CAX Safety Handout, and administrative guidance contained in this handout.

c.**Purpose.** The LARSC is intended to provide the company with the opportunity to apply the instruction contained in the FiST Procedures Class and Engagement Area Building Class. It also presents the opportunity to refine skills gained during the Air Support Coordination Exercises (ASCEXs) and Fire Support Coordination Exercise I (FSCEX I).

d.**Training Standards.** See Enclosure (3).

3.**ADMINISTRATIVE INSTRUCTIONS**

a. The company will consist of its organic scout platoons, AT section and mortar section. At the Exercise Force's discretion, the company may be provided engineer support.

b. LARSC Schedule

(1) The exercise will be approximately 3 1/2 hours in length, including a period for firing and recording indirect fire targets. TTECG will publish the exact schedule for the LARSC prior to each CAX, taking into account hours of available daylight. Following is the general schedule for the LARSC.

**H-01:30**

TTECG links up with the company on its screen line and checks unit positions. Company commander briefs TTECG representative on his plan. After unit positions are checked, the company will have the opportunity to fire and record indirect fire targets.

**H-Hour**

Enemy reconnaissance elements advance toward the company screen line, followed by the enemy advance guard. After destroying the enemy reconnaissance elements, the company engages the advance guard with supporting arms and conducts a notional rearward passage of lines and battle handover with units in the main battle area.

**H+2:00**

**ENDEX**

(2) The company will start the exercise already positioned on its screen line. This must be accomplished prior to TTECG linking up with the company. TTECG will schedule the DELTA, LAVA and LEAD MOUNTAIN training areas starting 1200 the day prior to the exercise to permit movement to, and establishment of, the company screen line. The CLEGHORN PASS training area will only be scheduled north of the 08 northing grid line - no exercise force units are permitted to go south of this line in the CLEGHORN PASS training area.

(3) After ENDEX, the company will immediately move through the DELTA training area to the vicinity of NT895922 to clear the training areas for the upcoming Mobile Assault Course (MAC) run. The company will be debriefed in this location.

(4) The LARSC will be the first evolution of the Mobile Assault Course (MAC), Helicopterborne Assault Course (HAC),

and LARSC training cycle. Following is the general outline of that training cycle.

Day 1:

a.m.: LARSC

p.m.: MAC - Mech Co/Tm #1 Movement to Contact/Breach

Day 2:

a.m.: MAC - Mech Co/Tm #1 Defense in Sector

p.m.: HAC - Co #3 Insert/Deliberate Attack

Day 3:

a.m.: HAC - Co #3 Defense/Extract

p.m.: MAC - Mech Co/Tm #2 Movement to Contact/Breach

Day 4:

a.m.: MAC - Mech Co/Tm #2 Defense in Sector

p.m.: MAC - Tank Co/Tm Movement to Contact/Breach

c. The company commander will brief his plan to the TTECG representative located with his company headquarters upon arrival of the TTECG. This brief is informal, and intended to familiarize TTECG with his plan. The brief should cover the following:

(1) Unit organization, to include number and type of vehicles in each subordinate element.

(2) Location of units.

(3) Scheme of maneuver.

(4) Fire support plan.

(5) Type and quantity of the following ammunition.

(a) TOW missiles.

(b) Ammunition for LAV-25s.

(c) Confirmation that all 25mm ammunition is DODIC A976 only.

(6) Frequencies/net IDs for MAGTF TAC, company TAC, and platoon/section TAC nets.

(7) Visual signals.

d. The company commander must provide the TTECG representative located with his company headquarters fire plan sketches for

the unit's direct fire plan, as required by the CAX Safety Handout.

e. The Petroglyph Site in the CLEGHORN PASS training area is a "no fire/no maneuver" area, as specified in Combat Center Order P3500.4E, Standard Operating Procedures for Range/Training Areas and Airspace. This area is located in grid squares NU9709, NU9809, and NU9909. Vehicles may traverse this area on the existing MSR.

f. Due to the terrain between the LAR company and the specified location of the supporting artillery battery, communications retrans will be required for the Conduct of Fire (COF) net. In addition to the COF net, the exercise force should consider establishing retrans, as necessary, for communications between the LAR company and the MAGTF FSCC. The following guidelines apply to the location of retrans sites.

(1) No sites can be established north of the 13 northing grid line in the DELTA, LAVA and LEAD MOUNTAIN training areas.

(2) No sites can be established south of the 08 northing grid line in the CLEGHORN PASS training area.

(3) No sites can be established in the mountains on the east side of the DELTA-PROSPECT corridor between the 98 northing and 08 northing grid lines.

(4) Two potential sites are OP ROUGH (NU883127) and OP CRAMPTON (NU842032).

(5) Retrans sites must be in position and operational prior to TTECG arriving for the exercise.

g. The company will be assessed casualties during this exercise in accordance with the guidelines contained in enclosure (2).

#### **4. ARTILLERY/FIRE SUPPORT**

a. The company will be supported by one artillery battery and the company's organic 81mm mortar section.

b. The artillery battery supporting the LARSC will position itself vicinity NU855067. After ENDEX, the battery must immediately displace south through the DELTA training area in order to clear the training area prior to the upcoming MAC run. If the battery will also be supporting the MAC run, it will immediately occupy firing positions vicinity NT886953.

c. There are no constructive fire missions for indirect fire agencies. However, due to ammunition limitations, representative rounds are permitted. Each firing unit will fire at least one round per Fire-for-Effect, and one round for each adjustment requested by the observer. Fires requested for a specific duration in support of maneuver will be represented by the firing of a minimum first and last rounds. When conducting SEAD missions, at a minimum, the marking round and first and last rounds of suppression will be fired to facilitate the timing of suppression and CAS.

d. The MAGTF FSCC will participate in the LARSC in order to clear all fire missions. Positive clearance from the MAGTF FSC is required for all fire missions. SILENCE IS NOT CONSENT. All re-attacks for R/W CAS and F/W CAS must also be cleared by the MAGTF FSC.

e. The MAGTF FSCC can position itself anywhere in the DELTA and PROSPECT training areas. It can position itself in the LAVA and CLEGHORN PASS training areas north of the 08 northing grid line and south of the 13 northing grid line.

f. After ENDEX, the MAGTF FSCC will immediately displace south through the DELTA-PROSPECT corridor to the vicinity NT895922 to clear the training areas for the upcoming MAC run. The FSCC will participate in the debrief conducted at this location.

## **5. AIR SUPPORT**

### **a. Offensive Air Support**

(1) The ACE should plan to support the LARSC with 2 F/W CAS sorties and 2 R/W CAS sorties.

(2) All aviation will be fragged using JTARs, as required.

(3) Live ordnance is preferred.

(4) Plan HAs, BPs and ACAs as required.

(5) TTECG will provide a recommended air plan to support the LARSC. However, the precise windows (TOSs, alert times, launch times, etc.) will be determined by the exercise force.

**b. Air Control**

(1)The ACE will man a functional TACC in order to manage the air frag.

(2)The ACE will position and man a fully functional DASC to coordinate all air support.

(3)CAS missions may be drawn from airborne alert, strip alert, or a combination of both.

**6. SAFETY**

a.Road guards will be posted as follows.

Post 1: NT898928

Post 2: NU913093

Post 3: NU732113

Post 4: NU772047

b.MAC road guard requirements include the post at NU919093. While this post is not required for the LARSC, it should be positioned prior to the LARSC beginning to ensure it is in place and operational for the upcoming MAC. Establishing this post will not interfere with the LARSC.

c.The exercise force will ensure a range sweep is conducted prior to the ranges being placed in a "hot" status, and that the ranges are placed in a "hot" status not later than 90 minutes prior to H-Hour. The range sweep can be conducted by either helicopter or wheeled vehicle, but an aerial range sweep is preferred due to expediency.

d.The exercise force is responsible for the safe conduct of all phases of the LARSC. A Range Safety Officer (RSO)/Laser Range Safety Officer (LRSO), who can have no other tactical duties as part of the exercise force, will be appointed. The RSO/LRSO will maintain positive communications with range control (BEARMAT) on frequency 49.85 at all times. In addition, he will maintain an internal EXERCISE SAFETY NET on frequency 40.45. The RSO/LRSO will use the EXERCISE SAFETY NET to maintain positive communications with all road guards, firing agencies, and the battalion FSCC. The RSO/LRSO will establish, control and monitor the EXERCISE SAFETY NET prior to and during the exercise, and until such time as the range is declared "cold" at exercise completion. If communications

with BEARMAT are lost, the RSO/LRSO will immediately place all firing agencies into a CHECK FIRING status until communications with BEARMAT can be re-established. If communications with road guards, the battalion FSCC, or any firing agency is lost on the EXERCISE SAFETY NET, the RSO/LRSO will immediately place all firing agencies into a CHECK FIRING status until communications can be re-established. The RSO will position himself on OP CRAMPTON (NU842032).

e. It is strongly recommended that the same RSO/LRSO be employed for all four days of the MAC/LAR Screen Course/Helicopterborne Assault Course cycle.

f. Red pyrotechnics stop all fire and movement.

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MAGTF-X  
MOJAVIA  
999999U Xxx 00  
LARSC

Frag Order 1-XX (LARSC)

Ref: (a)Map:V795S MARINE CORPS AIR GROUND COMBAT CENTER,  
TWENTYNINE PALMS EAST, Sheet 29 PALMS EAST MIM, 4-NIMA,  
1:50,000

Time Zone: U

Task Organization: No change.

1. SITUATION

a. General. (Omitted)

b. Enemy Forces

(1) Characteristics of Weather and Area of Operations.  
(Omitted)

(2) Enemy Situation. 111th Mechanized Brigade is currently  
located in assembly areas vicinity BAGDAD (PU030275).

(3) Enemy Capabilities. 111th Mechanized Brigade is capable  
of attacking into the MAGTF sector within 24 hours in  
brigade strength.

(4) Indications. 111th Mechanized Brigade is expected to  
attack into the MAGTF sector in brigade strength within 24  
hours. Prior to attacking, the enemy is expected to conduct  
aggressive reconnaissance in order to locate friendly  
defensive positions in the main battle area.

c. Friendly Forces

(1) CTF Mojavia defends the port and airfield of TWENTYNINE  
PALMS in order to prevent enemy disruption of the arrival  
of U.S. and Coalition forces.

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(2)JFE defends in sector on our west (left).

(3)3rd Independent Armor Battalion guards the CTF east flank on our east (right).

(4)Air. JFACC conducts deep air support operations in order to prevent enemy reinforcement of the CTF area of operations.

(5)Naval Surface Fire Support. USS Arleigh Burke (DDG-51) in direct support of MAGTF-X.

d.Attachments and Detachments. No change.

e.Assumptions. None.

## 2.MISSION

At 999999U Xxx 00, MAGTF-X defends in sector in order to prevent enemy penetration of the CTF main battle area.

## 3.EXECUTION

### a.Commander's Intent/Concept of Operations

(1)Commander's Intent. The purpose of this operation is to prevent the enemy from penetrating the CTF main battle area, thus protecting the arrival of additional U.S. and Coalition forces. This will be accomplished by denying the enemy use of the DELTA-PROSPECT and CLEGHORN PASS avenues of approach, through which the enemy must advance in order to penetrate our sector. Endstate is no penetration of the MAGTF rear boundary.

### (2)Concept of Operations

#### (a)Maneuver

(1)See Operations Overlay.

(2)The MAGTF defends with one reinforced battalion in the main battle area and one LAR company screening in the security area. The battalion in the main battle area is the main effort.

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(b) Fires

(1) Artillery Support. X Bn, XX Mar in direct support of MAGTF-X. Priority of fires to X Bn (Rein), X Mar. One battery will initially be positioned vicinity NU855067 to provide fires in support of the LAR company in the security area.

(2) Air Support. Co X, X LAR Bn allotted 2 sorties F/W CAS and 2 sorties R/W CAS. X Bn (Rein), X Mar allotted 8 sorties F/W CAS and 4 sorties R/W CAS.

(3) Naval Surface Fire Support. USS Arleigh Burke (DDG 51) in direct support of MAGTF-X. Priority of fires to X Bn (Rein), X Mar.

(4) Planned Fires. (Omitted)

(5) Fire Support Coordination.

(a) See the Operations Overlay.

(b) FSCL 1 remains in effect along the trace of I-40.

(6) Coordinating Instructions. (Omitted)

b. Tasks

(1) X Bn (Rein), X Mar

(a) Defend in sector in order to deny the enemy use of the DELTA and CLEGHORN PASS avenues of approach.

(b) As the stationary unit, conduct rearward passage of lines with Co X, X LAR Bn.

(2) Co X, X LAR Bn (Exercise Company)

(a) Screen along PL BLUE in the MAGTF security area.

(b) Following rearward passage of lines through X Bn (Rein), X Mar, occupy an assembly area vicinity NT895922.

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(3)X Bn, XX Mar. Direct support of MAGTF-X. Priority of fires to X Bn, X Mar. Initially position one battery vicinity NU855067 to provide fires in support of the LAR company in the security area.

c.MAGTF Reserve. (Omitted)

d.Coordinating Instructions

(1)See Operations Overlay.

(2)MOPP level 0 in effect.

(3)ADA status is weapons tight.

(4)Rearward Passage of Lines/Battle Handover Between Co X, X LAR Bn and X Bn (Rein), X Mar. (Rearward passage of lines is notional on the LARSC, and assumed to be completed when the LAR company crosses the battle handover line.)

(a)Battle handover line is PL GREEN.

(b)X Bn (Rein), X Mar assumes responsibility for the security area when the lead elements of Co X, X LAR Bn cross the battle handover line.

(c)Contact Point is Contact Point 1 at NU865086.

(d)X Bn (Rein), X Mar will provide guides.

(e)Co X, X LAR Bn will use Passage Point 1 and Route WILMA for the passage of lines and movement through the X Bn (Rein), X Mar sector.

(f)Communications and signals will be in accordance with the MAGTF-X Combat SOP.

(5)The Petroglyph Site in the CLEGHORN PASS training area is a "no fire/no maneuver" area, as specified in Combat Center Order P3500.4E, Standard Operating Procedures for Range/Training Areas and Airspace. This area is located in grid squares NU9709, NU9809, and NU9909. Vehicles may traverse this area on the existing MSR.

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4. ADMINISTRATION AND LOGISTICS. No change.

5. COMMAND AND SIGNAL. No change.

ACKNOWLEDGE RECEIPT

B. M. BRUISER  
Colonel, U.S. Marine Corps  
Commanding



# Exercise Force Casualty Assessment

1. Casualties will be assessed on the exercise force to:

- a. reinforce the use of appropriate techniques and procedures
- b. discourage incorrect procedures and techniques
- c. emphasize continuing actions at all levels

Casualties will be assessed on the exercise force within the ranges and capabilities of enemy weapons systems. Casualties will only be assessed to achieve the above training objectives **not** to simulate effects of enemy weapons systems.

2. Common exercise force actions resulting in casualty assessment include the following:

- a. Inadequate survivability effort at locations where the exercise force expects decisive engagement
- b. LAR late in breaking contact/overrun by attacking enemy
- c. Movement/closure within threat weapons range without suppression
- d. Inadequate dispersion at enemy obstacles/breach sites
- e. Failure to back breach or bypass friendly obstacles
- f. Failure to mark and control movement of units through breach lanes
- g. Field artillery late in displacing/overrun by attacking enemy
- h. Survey party/field artillery battery forward of LD/lead element (when not directed there by TTECG to support administrative requirements of the MAC.)
- i. Aircraft routed through trajectory/ECR of active indirect fire missions
- j. Executing CAS nine lines without suppression when the flight path of the aircraft is within range of the air defense weapons
- k. Executing CAS nine lines using inappropriate tactics
- l. Routing helicopters within range of enemy direct fire weapons
- m. COMSEC violations
- n. Failure to process target intelligence

3. When assessed as a casualty the following procedures apply:

- a. Maneuver units
  - (1). Tanks, AAVs, and engineer vehicles halt in place. Vehicle crews and mounted troops sit on top of vehicles. Turrets and weapons systems will be oriented to the rear.
  - (2). When the unit continues movement, casualty vehicles will follow in trace and remain accountable to their parent unit.

- (3). Personnel and vehicles assessed as casualties are in a cold status and will not participate in the remainder of the current phase of the operation.
- (4). During defensive operations dismounted infantry assessed as casualties will be evacuated to their company casualty collection point where they will remain until the current phase of the operation is complete. Current phase of the operation is defined as the remainder of the present defense or until the immediate objective is consolidated during offense.
- (5). Personnel assessed as WIA casualties will be evacuated via CHERRY PICKER.
- b. Fire Support Units
  - (1). Fire support units overrun by advancing enemy during defensive operations will be taken out of action and will displace to a position along the side of but off the MSR to the rear of the last battalion defensive position where they will remain out of action, "trails up," until the completion of that defensive phase of the operation.
  - (2). During offensive operations fire support units SNOWSTORMed or ahead of LD/lead trace will be taken out of action and remain in place for one hour.
- 4. Most personnel casualties will be designated as KIA. Occasionally casualties will be designated WIA. These casualties will require actual evacuation via CHERRY PICKER. CHERRY PICKER is a helicopterborne simulated medical evacuation conducted as part of the exercise. Use of the term MEDEVAC is strictly reserved for situations in which personnel sustain **actual injuries** that require medical evacuation. CHERRY PICKERS require appropriate reporting, ASRs, LZ control, and aircraft routing. CHERRY PICKER aircraft will arrive in the PZ and simulated casualties will be loaded aboard. Once all casualties are aboard they will exit the aircraft **before** it departs the PZ. The casualty will be returned to his unit immediately upon departure of the aircraft in order to maintain personnel accountability. The aircraft will exit the area using appropriate tactics and routing according to the situation.
- 5. Casualties will be effected only during the MAC and FINEX. During FSCEX II and FSCEX III casualties will be identified for training purposes but not effected.
- 6. Questions regarding casualty assessments made during the conduct of an exercise can be addressed to the TTECG representative with your unit. Casualty assessments are effected to reinforce learning objectives or create additional training opportunities for the exercise force;

concerns or disagreements over casualty assessments should be saved for the debrief.



**LAR SCREEN COURSE  
TRAINING STANDARDS**

1.MCO 3501.15, Marine Corps Combat Readiness Evaluation System;  
Volume X Part B, Light Armored Reconnaissance Units.

a.Section 10B - LAR Company

Task 10B.1.1, Perform Precombat Inspection  
Task 10B.1.3, Perform Combat Planning  
Task 10B.1.4, Operate the Company Command Post  
Task 10B.1.5, Establish and Maintain Communications  
Task 10B.1.6, Report Combat Information  
Task 10B.1.7, Pass Combat Information and Orders  
Task 10B.1.8, Employ Command and Control Measures  
Task 10B.2.2, Employ OPSEC  
Task 10B.3.5, Perform Screen Operations  
Task 10B.3.9, Direct Fire Plan  
Task 10B.3.14, Conduct Tactical Movement  
Task 10B.3.17, Perform Passage of Lines  
Task 10B.4.1, Develop Fire Support Plan  
Task 10B.5.1, Plan an Immediate Close Air Support Strike  
Task 10B.5.2, Control an Immediate Close Air Support Strike  
Task 10B.7.3, Use Passive Air Defense Measures

b.Section 10C, LAR Scout Platoon

Task 10C.1.1, Produce a Platoon Fire Plan  
Task 10C.1.2, Perform Precombat Checks  
Task 10C.1.4, Perform Tactical Planning  
Task 10C.1.5, Employ Command and Control Measures  
Task 10C.1.6, Employ Operations Security (OPSEC)  
Task 10C.1.7, Prepare for Tactical Operations  
Task 10C.2.3, Establish an Observation Post (OP)  
Task 10C.3.3, Perform a Passage of Lines  
Task 10C.3.5, Conduct Tactical Movement  
Task 10C.3.12, Conduct a Screen  
Task 10C.5.1, Use Passive Air Defense Measures

d.Section 10D, Mortar Platoon/Section

Task 10D.3.1, Move Mounted  
Task 10D.4.3, Fire Direct Lay  
Task 10D.4.6, Fire Adjust Fire  
Task 10D.4.7, Fire for Effect  
Task 10D.4.10, Fire Priority Target  
Task 10D.4.11, Fire Time-on-Target  
Task 10D.4.13, Fire Quick Smoke  
Task 10D.4.16, Fire Two Adjust-Fire Missions

- Task 10D.4.17, Operate a Fire Direction Center
- Task 10D.5.1, Reconnoiter a Firing Position
- Task 10D.5.2, Employ Air Defense Measures
- Task 10D.5.3, Maintain Operations Security
- Task 10D.5.4, Conduct a Passage of Lines
- Task 10D.6.1, Prepare for Combat
- Task 10D.6.3, Sustain
- Task 10D.6.4, Report
- Task 10D.6.5, Plan and Control Combat Operations
- Task 10D.6.6, Conduct Vehicle Operations

e.Section 10E - (AT) TOW Platoon/Section

- Task 10E.1.5, Move Mounted
- Task 10E.1.6, Conduct Passage of Lines
- Task 10E.2.1, Employ Air Defense Measures
- Task 10E.2.2, Maintain Operations Security
- Task 10E.3.1, Prepare for Combat
- Task 10E.3.3, Plan and Control Combat Operations
- Task 10E.3.4, Report
- Task 10E.3.5, Sustain Operations
- Task 10E.3.6, Conduct Vehicle Operations

2.MCO 3501.6C, Marine Corps Combat Readiness Evaluation System;  
Volume V, Artillery Units

a.Section 5A - The Artillery Battery

- Task 5A.1.1, Conduct Reconnaissance and Selection of Position
- Task 5A.1.2, Perform Tactical Road March
- Task 5A.1.3, Employ Air Guards
- Task 5A.1.6, Occupy Position
- Task 5A.1.8, Perform Hasty Survey Using BUCS or Manual Methods
- Task 5A.3.1, Lay the Battery with the Aiming Circle
- Task 5A.3.2, Lay the Battery by Aiming Point-Deflection Method
- Task 5A.3.3, Lay the Battery with an M2 Compass
- Task 5A.3.4, Lay the Howitzer
- Task 5A.3.5, Emplace the Collimator
- Task 5A.3.6, Emplace Aiming Posts
- Task 5A.3.7, Verify Boresight of the Howitzer
- Task 5A.3.8, Boresight the Howitzer
- Task 5A.3.9, Prepare and Process the Executive Officer's Report
- Task 5A.3.10, Perform Prefire Checks
- Task 5A.4.1, Prepare Ammunition for Firing
- Task 5A.4.3, Conduct Fire Control Alignment Tests
- Task 5A.4.4, Prepare Gunner's Reference Card
- Task 5A.4.5, Lay on Priority Target
- Task 5A.4.6, Fire on Priority Target
- Task 5A.4.7, Conduct Indirect Fire Missions
- Task 5A.4.8, Fire a Schedule of Fires

Task 5A.4.9, Determine Muzzle Velocity using Radar Chronograph  
Task 5A.4.10, Misfire Procedures  
Task 5A.4.12, Fire on a Target out of Traverse Limits  
Task 5A.5.1, Prepare Surveyed Firing Charts  
Task 5A.5.2, Develop and Maintain a Situation Map  
Task 5A.5.3, Initialize BCS/BUCS  
Task 5A.5.14, Conduct an Adjust Fire, High Angle Mission  
Task 5A.5.15, Conduct a WP Mission  
Task 5A.5.16, Conduct a Quick Smoke Mission, M825 Projectile  
Task 5A.5.19, Deliver Suppressive Fire on a Planned Target  
Task 5A.5.30, Conduct Two Simultaneous Adjust Fire Missions  
Task 5A.5.31, Plan and Schedule Fires  
Task 5A.5.32, Execute a Schedule of Fires  
Task 5A.6.2, Locate Observer Position During Movement Using Manual Methods  
Task 5A.6.3, Locate Observer Position Using Electronic Equipment  
Task 5A.6.4, Locate Targets by All Methods  
Task 5A.6.5, Employ Communications Techniques for Maximum Reliability and Minimum Vulnerability  
Task 5A.7.5, Conduct Adjust Fire, Fire for Effect, and Illumination Missions on Targets of Opportunity  
Task 5A.7.7, Conduct a Quick Smoke Fire Mission  
Task 5A.7.8, Conduct Immediate Smoke, Immediate Suppression, Suppression, and Quick Smoke Fire Missions in a Mechanized Environment  
Task 5A.7.11, Adjust Two Fire Missions Simultaneously  
Task 5A.8.3, Report Tactical Situation to the FSCC and Supporting FDC  
Task 5A.8.4, Plan and Coordinate Organic Indirect Fire Weapons  
Task 5A.8.5, Plan and Coordinate Artillery Fire Support for a Maneuver Company in the Defense  
Task 5A.8.6, Advise Commander on the Employment of Artillery  
Task 5A.9.1, Develop the Battery Concept for Communications Support  
Task 5A.9.2, Establish and Operate Radio Communications  
Task 5A.9.3, Employ Communications Security (COMSEC) Techniques  
Task 5A.9.4, Establish and Operate Wire Communications  
Task 5A.9.5, Recover Field Wire  
Task 5A.9.6, Maintain Communications  
Task 5A.9.9, Conduct Maintenance on Communications Equipment  
Task 5A.10.1, Perform Micrometer and End for End Tests on the Gunner's Quadrant  
Task 5A.10.3, Prepare M198 Howitzer for Travel  
Task 5A.10.4, Perform PMCS for the Howitzer  
Task 5A.11.1, Coordinate Logistics  
Task 5A.11.3, Perform Tactical March